

## **APPARATUS FOR PROVIDING POWER TO LINE DRIVERS IN A COMMUNICATION SYSTEM**

ALCATEL 135733

Express Mail No. EK034421930US

DDM00-035

### **ABSTRACT OF THE DISCLOSURE**

5 The apparatus for provides power to selected line drivers in a communication system. Each  
selected line driver has a respective inherent internal voltage drop. Each selected line driver is  
coupled with a respective communication loop for providing a respective minimum operational  
voltage to the respective communication loop. The apparatus includes: (a) a control means coupled  
with the selected line driver devices for controlling supply voltage to the selected line drivers; and  
10 (b) a power supply means coupled with the control means and with the selected line driver devices  
and cooperating with the control means to deliver a respective supply voltage to respective selected  
line driver devices. The respective supply voltage is at least equal with the respective minimum  
operational voltage less the respective inherent internal voltage drop for each respective selected line  
driver device.